



ecology and environment, inc.

CLOVERLEAF BUILDING 3, 6405 METCALF, OVERLAND PARK, KANSAS 66202, TEL. 913/432-9961

International Specialists in the Environment

DRAFT

MEMORANDUM

*Hand delivered
7/6/90*

TO: Pete Culver, RPO

THRU: Sharon Martin, AFITOM

FROM: E & E/FIT

DATE: July 5, 1990

SUBJECT: Summary and Recommendations for the Safety-Kleen Corporation site, Brentwood, St. Louis County, Missouri.
TDD #F-07-9003-006 PAN #FM00905RA
Site #S18 Project #001
Superfund Contact: Greg Reesor
RCRA Contact: Patricia Nichols
FIT Project Leader: Rob Parsons

INTRODUCTION

As a part of the U.S. Environmental Protection Agency (EPA) Environmental Priorities Initiative (EPI) program, EPA has requested Ecology and Environment, Inc., Field Investigation Team (E & E/FIT) to conduct an EPI Preliminary Assessment (PA) of the former Safety-Kleen facility located at 1227 Hanley Industrial Center, Brentwood, Missouri.

The scope of the investigation included reviewing existing state and federal files and other literature to characterize regulated and non-regulated solid waste management units (SWMUs) at the facility and to assess the probability of release(s) of hazardous substances from identified SWMUs to the local environment. The FIT conducted an on-site Visual Site Inspection (VSI) on April 30, 1990, to aid in identifying and characterizing SWMUs.

SITE SUMMARY

The Brentwood Safety-Kleen facility was in operation from August 1980 to February 1985 as a temporary storage and transfer point for products, and for spent materials derived from product use by customers. The facility operated under a 1980 Part A notification and a revised 1985 Part A notification.

Safety-Kleen was situated with several other businesses in a one-story brick and mortar warehouse complex located about 1/2 mile north of Highway 100 and 1/4 mile west of Hanley Road. Safety-Kleen occupied the north two sections of the complex. The building housed



R00069380
RCRA Records Center

offices and a warehouse for product and waste storage. The only SWMU associated with Safety-Kleen was inside the warehouse. In the rear parking lot, the facility maintained a return/fill station, and four underground storage tanks utilized for product and waste storage. A brief description of these features is provided below.

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Drums Storage Area

The Drum Storage Area, the only SWMU identified on site, consisted of a 30-foot by 5-foot area located inside the warehouse. This area was capable of storing 188, 16-gallon immersion cleaner drums and 12, 16-gallon mineral spirits (dumpster mud) drums. Types of wastes stored in this area included spent halogenated solvents (F002), cresylic acid (F004), characteristic flammable wastes (D001), characteristic lead-containing wastes (D008), and spent non-halogenated solvents (F003 and F005). No type of containment was noted for this area.

Solid Waste Management Units

The SWMUs identified were two underground storage tanks. These tanks, with respective capacities of 6,000 and 10,000 gallons, were utilized for the storage of spent mineral spirits. Contaminated soil was excavated and removed with the tanks during closure of the facility. A return/fill unit was located behind the facility with the tanks. The return/fill station measured 10 feet by 10 feet and comprised a wet dumpster and associated equipment. Specific information on the return/fill unit is not available.

SUMMARY AND CONCLUSIONS

Closure for this facility was initiated by Safety-Kleen on February 28, 1985, when plant operations ceased. The excavated soil associated with the removal of the two underground storage tanks was sampled; contaminated soil was removed until a level below background was achieved. Final closure was approved by the Missouri Department of Natural Resources (MDNR) on February 2, 1987.

This facility was in operation from August 1980 to February 1985. A review of state and federal files suggested there was a release from the underground storage tanks; however, additional file information indicated that the contaminated soil was removed and that the cleanup of the area was as stringent as possible.

Based on the fact that a removal has been conducted and that the state approved closure of this Safety-Kleen facility in 1985, E & E/FIT recommends that no further work be conducted at this site.

Clarify that
there are
4 SWMUs
total.



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MEMORANDUM

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Brentwood, Missouri.
TDD #F-07-9003-006 PAN #FM00905RA
Site #S18 Project #001
Superfund Contact: Greg Reesor
RCRA Contact: Patricia Nichols
FIT Project Leader: Rob Parsons

DRAFT

INTRODUCTION

As part of the U.S. Environmental Protection Agency (EPA) Environmental Priorities Initiative (EPI), EPA Region VII has requested Ecology and Environment, Inc., Field Investigation Team (E & E/FIT) to conduct an EPI Preliminary Assessment (PA) of Safety-Kleen located at 1227 Hanley Industrial Center, Brentwood, Missouri.

The EPI program integrates the Resource Conservation and Recovery Act (RCRA), the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and Superfund Amendments and Reauthorization Act (SARA) in order to set priorities for cleanup of the most environmentally significant sites first. This EPI-PA is essentially equivalent to RCRA's Preliminary Review/Visual Site Inspection (PR/VSI) and identifies potential or actual release(s) at the facility and determines if corrective measures are necessary.

This report discusses information obtained from RCRA and Missouri Department of Natural Resources (MDNR) files and describes each regulated and non-regulated solid waste management unit (SWMU). Observations from the VSI conducted by E & E/FIT on April 30, 1990, also are included. Photographic documentation, EPA Preliminary Assessment Form 2070-12, and the closure certification for Safety-Kleen, Brentwood, Missouri, are included as attachments to this report.

SITE DESCRIPTION AND HISTORY

This former Safety-Kleen facility was located at 1227 Hanley Industrial Center in Brentwood, Missouri (Figure 1). The Safety-Kleen Corporate headquarters is located at 777 Big Timber, Elgin, Illinois,

60123. Operations at the Brentwood facility commenced August 12, 1980, and continued for approximately six years. The facility ceased operations on February 28, 1985. Closure of the facility was completed on February 2, 1987 (Judge 1987).

This former Safety-Kleen facility was an accumulation and storage point for spent solvents generated by Safety-Kleen customers. The one-story building that housed the facility was situated in a light industrial area of the city. The building comprised several sections, with each section being utilized as an individual rental property. Safety-Kleen occupied the two sections at the north end of the main building, encompassing an area 50 feet by 120 feet (Figure 2). The facility consisted of offices and a warehouse area that was used to store solvent and spent solvent. A drum storage area in the warehouse measuring 30 feet by 5 feet was located adjacent to the center wall (Figure 2). This area was utilized for the storage of spent solvents and is the only SWMU identified at Safety-Kleen that was located inside the warehouse.

Beneath the parking lot behind the main building were four underground storage tanks. Two were former SWMUs with respective capacities of 6,000 and 10,000 gallons. These tanks once were used to store spent mineral spirits for a short period of time, before they were pumped into a tanker for transport to a recycling facility for processing. Figure 3 illustrates the general process used at Safety-Kleen facilities.

The Brentwood Safety-Kleen facility was a local sales/service office and warehouse that handled parts cleaning equipment, solvents, and allied products such as hand cleaner and floor cleaner. Wastes obtained from customers were RCRA wastes coded F002, F003, F004, F005, D001, and D008. Wastes were stored on site for less than 30 days. A maximum of 1,600 gallons of D001 and D008 wastes were processed annually; all other materials processed had a combined maximum of 2,000 gallons. Coded wastes D001 and D008 were stored in two underground storage tanks with a combined maximum capacity of 16,000 gallons. All other wastes were stored in the warehouse in drums or other types of containers (Safety-Kleen 1980; 1985b).

Following is a brief chronology of the compliance history of the Safety-Kleen Corporation site in Brentwood, Missouri.

August 12, 1980	Facility notifies EPA and MDNR of Hazardous Waste Activity.
October 31, 1980	EPA acknowledges Notification of Hazardous Waste Activity; EPA ID #MOD096714829.
November 24, 1980	Safety-Kleen submits application for a Part A Hazardous Waste Permit to EPA.
July 1981	EPA grants exemption to branch facilities from TSD requirements.

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June 16, 1982	MDNR conducts a compliance inspection of the Safety-Kleen facility.
1983	No information
1984	No information
July 5, 1985	Safety-Kleen submits revised Part A application to comply with final rule definition of Hazardous Waste published January 4, 1985.
February 28, 1985	Safety-Kleen initiates closure of facility by ceasing all operations.
September 13, 1985	Safety-Kleen submits formal closure plan to MDNR.
November 27, 1985	MDNR accepts closure plan contingent on two proposed changes.
February 2, 1987	MDNR confirms and accepts final closure.
Current	ABC Mobile Brake occupies the facility; no hazardous waste activity apparent during April 1990 VSI.

DESCRIPTION OF FORMER SOLID WASTE MANAGEMENT UNIT

Drum Storage Area

Unit Description

The drum storage area occupied a 30-foot by 5-foot area inside the warehouse along the north side of the center wall. The floor of the building was constructed of concrete slab with expansion joints and no floor drains. During the VSI, the floor was observed to be in sound condition. Spent solvents were stored in this area for less than 90 days and then shipped to a recycling center for processing. This area had a storage capacity of 188, 16-gallon immersion cleaner drums and 12, 16-gallon mineral spirits (dumpster mud) drums. Inspection procedures for this unit during its period of operation are unknown. This was a RCRA-regulated unit.

Date of Start Up

August 12, 1980

Date of Closure

February 28, 1985

Wastes Managed

Wastes were stored for no longer than 30 days. Current file information does not provide any specific information regarding waste handling procedures. Wastes stored included spent halogenated solvents (F002), cresylic acid (F004) from immersion cleaners, characteristic flammable wastes (D001), characteristic lead-containing wastes (D008), and spent non-halogenated solvents (F003 and F005)(Safety-Kleen 1985).

1986?

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Release Controls

No file information is available that details the actual type of containment for this area at the time of facility operation. No containment features were observed during the April 1990 site visit.

History of Releases

Available file information provides no documentation or indication of releases from this unit.

Further Information Needs

None required at this time.

Return/Fill Unit and Underground Storage Tanks

Two SWMUs existed at the Safety-Kleen facility: a return/fill unit, and two underground storage tanks used to store spent mineral spirits (Figure 2). Use of these features ceased on February 28, 1985. The return/fill unit comprised a wet dumpster and associated equipment. The underground storage tanks were constructed of carbon steel and had respective capacities of 6,000 and 10,000 gallons (Safety-Kleen 1985a). Wastes managed and associated with the tanks includes characteristic flammable wastes (D001) and lead-containing wastes (D008). During closure of the facility, the underground storage tanks were removed and contaminated soil was excavated. The area was certified by the State to be clean (Brown 1987; Judge 1987). The closure certification is attached to this memorandum.

SUMMARY OF SITE VISIT

The VSI of the former Safety-Kleen facility in Brentwood, Missouri, was conducted from 1220 hours to 1355 hours on April 30, 1990. The inspection was conducted by E & E/FIT personnel Rob Parson and Jim Fick and EPA representative Pat Nichols. Willard Haynes, Manager of ABC Mobile Brake (current occupant), was present during the VSI. Site conditions were documented with photographs; the photographic record is attached to this memorandum (Table 1). All identified areas involved in past waste management activities were inspected. Only one SWMU was identified; a former drum storage area located in the north section of the warehouse now used by ABC to store parts and equipment (Photo 1). The parking lot behind the warehouse was identified as the location for two former SWMUs.

A brief discussion of the VSI was held by E & E/FIT personnel and the current tenant. No pertinent information was revealed during this interview.

SUMMARY AND CONCLUSIONS

On April 30, 1990, a VSI was conducted by the E & E/FIT in support of the EPI/PA at the former Safety-Kleen Corporation storage and transfer facility in Brentwood, Missouri. The scope of the EPA/PA was to identify and characterize potential and actual releases from SWMUs at the facility. The former Safety-Kleen facility was a transfer and storage point for spent solvents and other ancillary materials intended for recycling.

Do an
outline for
each of the
three
SWMUs

inside
←

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E & E/FIT identified one SWMU and two former SWMU locations. The SWMU identified was the Warehouse Drum Storage Area, which once was used to store 16-gallon drums containing spent solvents (F002 and F004) and dumpster sludge (D001, D008, F003, and F005). This unit had no apparent containment. Observations made during the VSI and information derived from EPA and MDNR files indicate that the two underground storage tanks identified as former SWMUs were removed and an adequate cleanup was conducted contemporaneously. Safety-Kleen ceased operations on February 28, 1985, and submitted a formal closure plan to MDNR on September 13, 1985 (Jurezak 1985). Closure was final on February 2, 1987.

The building once occupied by Safety-Kleen is now occupied by ABC Mobile Brake Company. No indication of any hazardous waste activities at this property was noted during the FIT VSI. The drum storage area in the warehouse that was designated as a SWMU at Safety-Kleen is now used by ABC for parts and equipment storage.

Attachments: Bibliography
Figure 1: Site Location
Figure 2: Site Map
Figure 3: Safety-Kleen Solvent Use and Regeneration
Table 1: Photo Summary
Photographic Record
EPA Preliminary Assessment Form 2070-12
Closure Certification

3 former
SWMU
locations

BIBLIOGRAPHY

Jurezak, Ellen J., Professional Engineer, Safety-Kleen Corporation, September 10, 1985, Letter to Missouri Department of Natural Resources, Waste Management Division.

Judge, Tom, Enforcement Section, Waste Management Program, Missouri Department of Natural Resources, February 2, 1987, Letter to Safety-Kleen, Certification of Closure for Safety-Kleen, Brentwood, Missouri.

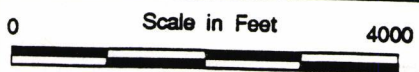
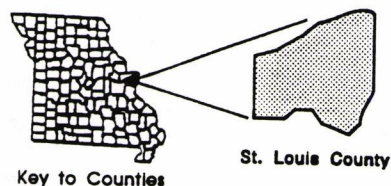
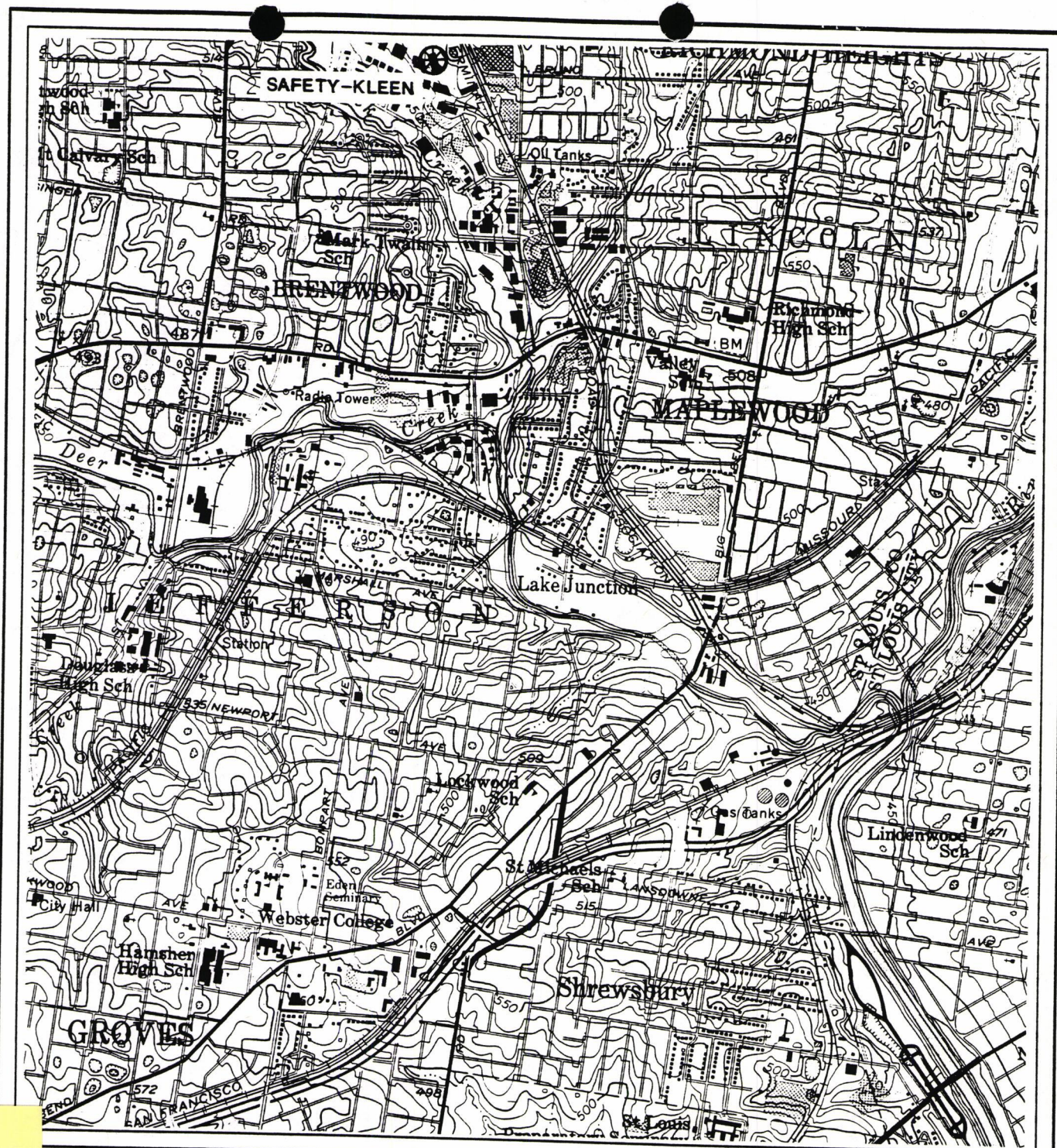
Brown, Harold, T., Professional Engineer, Burns & McDownell Engineering, January 9, 1987, Letter to Arthur H. Groner, Waste Management Program, Missouri Department of Natural Resources.

Safety-Kleen Corporation, September 10, 1985, Closure Plan for the Brentwood, Missouri, facility.

U.S. Geological Survey, 1974, 7.5 Minute Series Topographic Map, Webster Grove Quadrangle, Missouri, Washington, D.C.

Safety-Kleen Corporation, November 24, 1980, Part A Permit Application.

Safety-Kleen Corporation, August 19, 1985, Revised Part A permit Application.



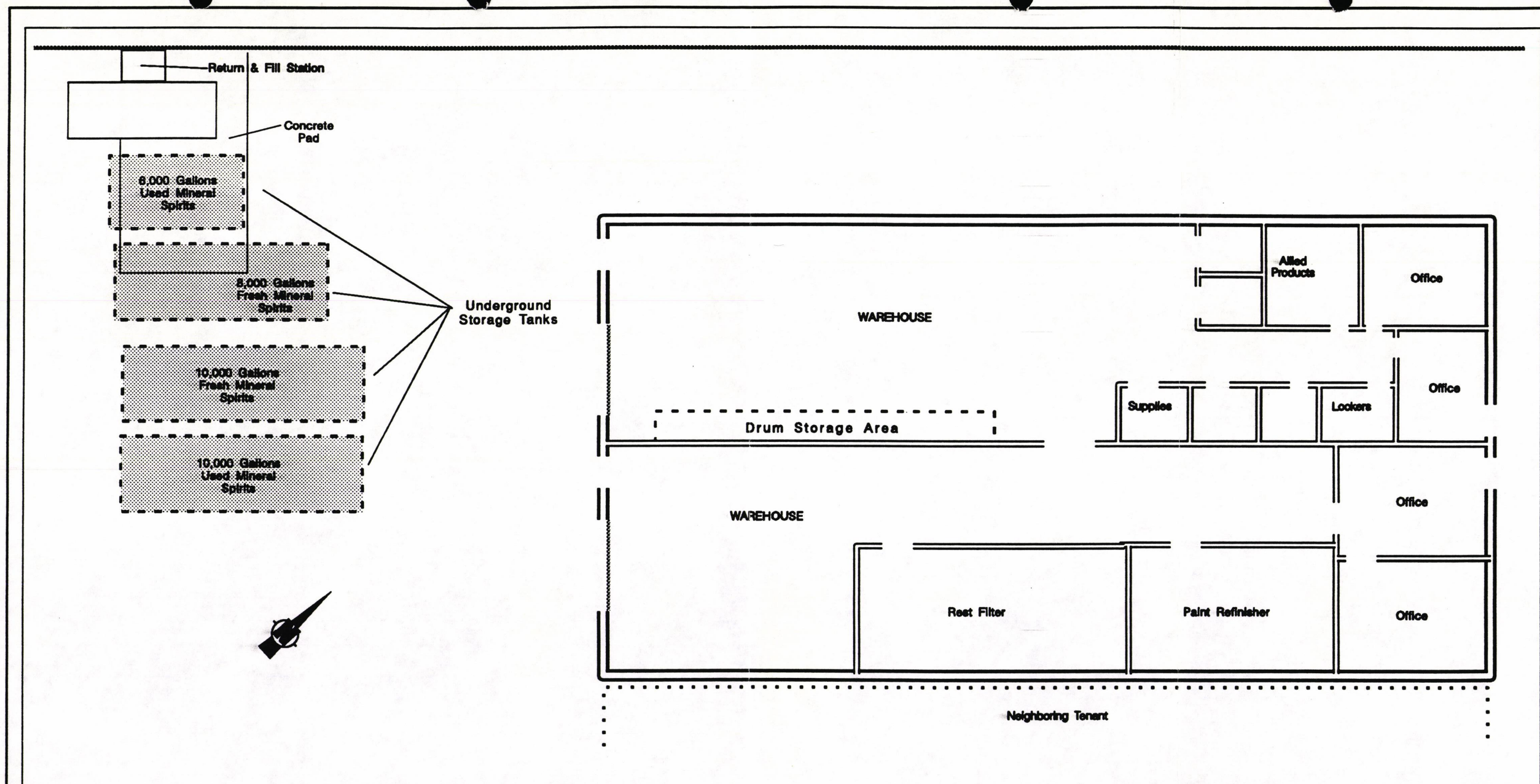
Safety-Kleen Brentwood, Missouri

Prepared by Lee Robertson
Ecology & Environment/FIT June 1990

Waste Site Tracking: MO0905
Source: USGS 7.5' Webster Grove Quad. rev. 1974

Figure 1: SITE LOCATION

Larger
scale map
showing
street names
and route to
facility.



Not to Scale

Former Safety-Kleen Facility Brentwood, Missouri

Prepared by Lee Robertson
Ecology & Environment/FIT June 1990

Waste Site Tracking #MO0905
Source: Safety-Kleen Corporation, 1984

Figure 2: SITE MAP

Safety-Kleen Solvent Use & Regeneration Loop

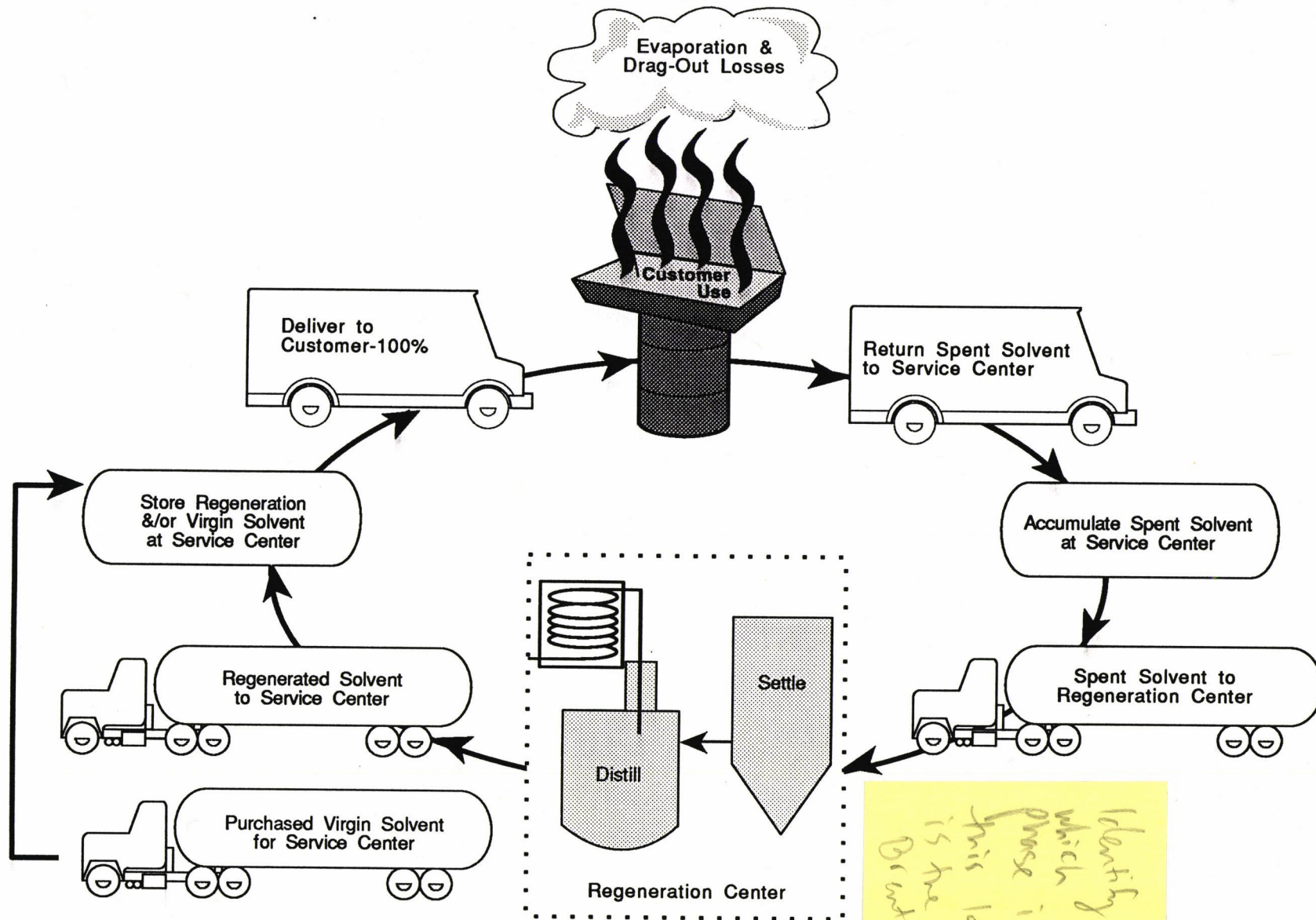


FIGURE 3

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Table 1
Photo Summary
Safety-Kleen Corporation
Brentwood, Missouri
E & E/FIT; April 30, 1990

Photo Number	Photo Description
1	Former Drum Storage Area
*2	Former Underground Storage Tank Location
*3	Former Underground Storage Tank Location
*4	Former Underground Storage Tank Location

* Photo provides a panoramic view of underground storage tank location

EPA

PART 1 - SITE INFORMATION AND ASSESSMENT

01 STATE MO	02 SITE NUMBER MO0096714829
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01 SITE NAME (Legal, common, or descriptive name of site)
Safety-Kleen

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFY
1227 Hanley Industrial Center

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03 CITY
Brentwood

04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
MO	60120	St. Louis		

09	COORDINATES	LATITUDE	LONGITUDE
		38° 37' 24.0" N	090° 20' 90.0" W

10 DIRECTIONS TO SITE (Starting from nearest public road)

Take I-44 east to Hanley Road. Follow Hanley north 1.5 miles to Rosalie Avenue. Turn left at ~1/8 mile. Turn right on Hanley Industrial. Follow for ~0.5 miles. 1227 is on the left.

01 OWNER (If known)
John J. Postal

02 STREET (Business, mailing, residential)
1720 S. Brentwood

03 CITY
Brentwood

04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
MO	63144	(314) 962-9992

07 OPERATOR (If known and different from owner)
Safety-Kleen

08 STREET (Business, mailing, residential)
655 Big Timber Rd.

09 CITY
Elgin

10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
IL	60120	(312) 697-8460

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL

(Agency name)

☐ F. OTHER: _____ G. UNKNOWN

(Specify)

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RCVD: 08/04/80 ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RCVD: ☐ C. NONE

MO/DAY/YR MO/DAY/YR

01 ON SITE INSPECTION

BY (Check all that apply)

X YES DATE 04/30/90 ___ A. EPA X B. EPA CONTRACTOR ___ C. STATE ___ D. OTHER CONTRACTOR
 MO/DAY/YR
___ NO ___ E. LOCAL HEALTH OFFICIAL F. OTHER:

CONTRACTOR NAME(S): Ecology and Environment, Inc. (Specify)

02 SITE STATUS (CHECK ONE)

<u> </u> A. ACTIVE	<u> X </u> B. INACTIVE	<u> </u> C. UNKNOWN
-----------------------	--------------------------	------------------------

03 YEARS OF OPERATION		
<u>August 1980</u>	<u>January 1987</u>	<u>UNKNOWN</u>
BEGINNING YEAR	ENDING YEAR	

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED	ESTIMATED YEAR	ENDING YEAR
Characteristic ignitable wastes (D001); wastes containing lead (D008); spent non-halogenated solvents (F003, F004, and F005); spent halogenated solvents (F002)		

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
None. All materials removed. Closure process complete.

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous conditions and Incidents)

☐ A. HIGH ☐ B. MEDIUM ☐ C. Low ☒ D. NONE
 (Inspection required promptly) (Inspection required) (Inspect on time available basis) (No further action needed. Complete current disposition form)

01 CONTACT

Patricia Nichols

02 OF (Agency/Organization)
EPA/RCRA Permits Section

03 TELEPHONE NUMBER
(913) 551-7056

04 PERSON RESPONSIBLE FOR ASSESSMENT
Rob Parsons

05 AGENCY
E & E

06 ORGANIZATION
FIT

07 TELEPHONE NUMBER
(913) 432-9961

08 DATE
07/05/90
MO/DAY/YR

EPA

POTENTIAL HAZARDOUS WASTE SITE

PRELIMINARY ASSESSMENT

PART 2 - WASTE INFORMATION

DRAFT

I. IDENTIFICATION

01 STATE
MO

02 SITE NUMBER
MO0096714829

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input checked="" type="checkbox"/> A. SOLID <input checked="" type="checkbox"/> E. SLURRY <input type="checkbox"/> B. POWDER,FINES <input checked="" type="checkbox"/> F. LIQUID <input checked="" type="checkbox"/> C. SLUDGE <input type="checkbox"/> G. GAS <input type="checkbox"/> D. OTHER _____ (Specify)	02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) <div style="text-align: center;">TONS _____</div> CUBIC YARDS unknown NO. OF DRUMS _____	03 WASTE CHARACTERISTICS (Check all that apply) <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> E. SOLUBLE <input checked="" type="checkbox"/> I. HIGHLY VOLATILE </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> F. INFECTIOUS <input type="checkbox"/> J. EXPLOSIVE </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> C. RADIOACTIVE <input checked="" type="checkbox"/> G. FLAMMABLE <input type="checkbox"/> K. REACTIVE </div> <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> D. PERSISTENT <input checked="" type="checkbox"/> H. IGNITABLE <input type="checkbox"/> L. INCOMPATIBLE </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> M. NOT APPLICABLE </div>
--	--	---

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	unknown		
OLW	OILY WASTE	unknown		
SOL	SOLVENTS	unknown		
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	unknown		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA/RCRA files
Missouri Department of Natural Resources files
E & E/FIT files

POTENTIAL HAZARDOUS WASTE SITE

EPA

PRELIMINARY ASSESSMENT

I. IDENTIFICATION

01 STATE MO	02 SITE NUMBER MO0096714829
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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

II. HAZARDOUS CONDITIONS AND INCIDENTS

01	A. GROUND WATER CONTAMINATION	02	OBSERVED (DATE: _____)	POTENTIAL	ALLEGED
03	POPULATION POTENTIALLY AFFECTED: _____	04	NARRATIVE DESCRIPTION		
	None known				

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01	B. SURFACE WATER CONTAMINATION	02	OBSERVED (DATE:)	POTENTIAL	ALLEGED
03	POPULATION POTENTIALLY AFFECTED:	04	NARRATIVE DESCRIPTION		
	None known				

01	C. CONTAMINATION OF AIR	02	OBSERVED (DATE:)	POTENTIAL	ALLEGED
03	POPULATION POTENTIALLY AFFECTED: None known	04	NARRATIVE DESCRIPTION		

01	D. FIRE/EXPLOSIVE CONDITIONS	02	OBSERVED (DATE:)	POTENTIAL	ALLEGED
03	POPULATION POTENTIALLY AFFECTED:	04	NARRATIVE DESCRIPTION		
	N/A				

01	<u> </u> E. DIRECT CONTACT	02	<u> </u> OBSERVED (DATE: <u> </u>)	<u> </u> POTENTIAL	<u> </u> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: <u> </u>	04	NARRATIVE DESCRIPTION		
	N/A				

01	X F. CONTAMINATION OF SOIL	02	X OBSERVED (DATE: 09/30/86)	POTENTIAL	ALLEGED
03	AREA POTENTIALLY AFFECTED: unknown (Acres)	04	NARRATIVE DESCRIPTION		

Soil contamination was detected during underground storage tank removal. Contaminated soil was removed prior to final closure.

01	G. DRINKING WATER CONTAMINATION	02	OBSERVED (DATE: _____)	POTENTIAL	ALLEGED
03	POPULATION POTENTIALLY AFFECTED: _____	04	NARRATIVE DESCRIPTION		
	None known				

01	H. WORKER EXPOSURE/INJURY	02	OBSERVED (DATE:)	POTENTIAL	ALLEGED
03	WORKERS POTENTIALLY AFFECTED:	04	NARRATIVE DESCRIPTION		
	None known				

01	I. POPULATION EXPOSURE/INJURY	02	OBSERVED (DATE:)	POTENTIAL	ALLEGED
03	POPULATION POTENTIALLY AFFECTED:	04	NARRATIVE DESCRIPTION		
	None known				

EPA

POTENTIAL HAZARDOUS WASTE SITE

PRELIMINARY ASSESSMENT

I. IDENTIFICATION

01 STATE MO	02 SITE NUMBER MO0096714829
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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

II. HAZARDOUS CONDITIONS AND INCIDENTS (CONTINUED)

01 J. DAMAGE TO FLORA 02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

N/A

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01 K. DAMAGE TO FAUNA 02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION (Include name(s) of species)

N/A

01 L. CONTAMINATION OF FOOD CHAIN 02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 M. UNSTABLE CONTAINMENT OF WASTES 02 OBSERVED (DATE:) POTENTIAL ALLEGED

(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

Unknown

01 N. DAMAGE TO OFF-SITE PROPERTY 02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

Unknown

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

Unknown

01 P. ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

Unknown

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 8,200

IV. COMMENTS

Final closure for this site was accomplished February 2, 1987. All contaminated soil was removed. No further closure actions required.

V. SOURCES OF INFORMATION (Cite specific references. e.g., state files, sample analysis, reports)

EPA/RCRA files
Missouri Department of Natural Resources files
E & E/FIT files

JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

MEMORANDUM

DATE: February 2, 1987
TO: Safety-Kleen/Brentwood File
FROM: Mr. Tom Judge, Enforcement Section, Waste Management Program
SUBJECT: Certification of Closure for Safety-Kleen/Brentwood

Upon receipt of the P.E.'s certification of closure for the facility, and after consideration of the results of the verification sampling conducted at the facility, there seems to be no reason to dispute the closure, especially as the DOH has verbally expressed the opinion that it would not promote a more stringent level of cleanup than has already been accomplished.

TJ/bki

Photos
returned to
Contractor on
8/14/90 for
re-submittal in
Final P.A.
P. Nichols

This is
not an
official
approval
letter!

Burns & McDonnell
ENGINEERS - ARCHITECTS - CONSULTANTS

January 9, 1987

REC
JAN 23 1987

WASTE MANAGEMENT
PROGRAM

Mr. Arthur H. Groner
Waste Management Program
Department of Natural Resources
P. O. Box 176
Jefferson City MO 65102

Closure Certification
Brentwood Service Center (MOD 096714829)
Safety-Kleen Corporation

Dear Mr. Groner:

This is to provide certification of closure of the subject facility as required by the Missouri Hazardous Waste Management Rules. Initial closure activities began on September 29, 1986 and closure was completed during the week of November 17, 1986.

PROFESSIONAL ENGINEER CERTIFICATION

This is to certify that, based on the results of the field reconnaissance performed by Burns & McDonnell Engineering Company, closure of the Safety-Kleen Corporation Brentwood Service Center was in accordance with the "Closure Plan for Safety-Kleen Corporation - Brentwood, Missouri" as modified and approved by the Missouri Department of Natural Resources (DNR letters dated November 27, 1985 and December 16, 1985 and Safety-Kleen letter dated December 5, 1985). This certification is submitted pursuant to 10 CSR 25-7.265.



BURNS & McDONNELL ENGINEERING COMPANY

Harold T. Brown

HAROLD T. BROWN, P.E.
Project Manager

Mr. Arthur H. Groner

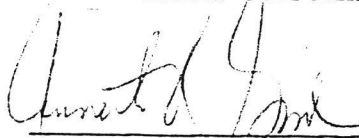
January 9, 1987

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OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SAFETY-KLEEN CORPORATION



Kenneth R. Gordon
Vice President, Technical Services (Title)

If you have any questions concerning the above, please do not hesitate to contact us.

Sincerely,



Harold T. Brown, P.E.

HTB/skb